

Date: Wed, 31 Mar 93 22:39:22 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #402  
To: Info-Hams

Info-Hams Digest                      Wed, 31 Mar 93                      Volume 93 : Issue    402

Today's Topics:

   4N4XX QSL info  
ARRL Bulletin 31    ARLB031  
   Boy, this can turn me off!  
   Callsign server went where?  
Daily Solar Geophysical Data Broadcast for 31 March  
   DR-570, 11-meters  
   HF operation in Ford Taurus?  
   Kantronics vs MFJ Opinions?  
   Seeking advices  
   UHF broadcasting. (was: DESPERATE...  
   WANTED: Info on Motorola U-43HT1108 (2 msgs)  
   Wanted: thoughts on glass mount ants (2 msgs)  
   Yeasu 5200 and mic connections

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Thu, 1 Apr 1993 01:38:34 GMT  
From: world!sharon@decwrl.dec.com  
Subject: 4N4XX QSL info  
To: info-hams@ucsd.edu

I received a QSL card from 4N4XX direct from his manager:

9A2AJ, Tomislav Polak, Brace Domany 6/19, 41000 Zagreb, Croatia, Europe

73, Sharon KC1YR

--

Sharon Machlis Gartenberg  
Framingham, MA USA  
e-mail: sharon@world.std.com

-----

Date: Wed, 31 Mar 93 21:50:18 GMT  
From: swrinde!zaphod.mps.ohio-state.edu!uwm.edu!cs.utexas.edu!  
gerald@cc.utexas.edu!slcs.slb.com!leo.asc.slb.com!sjsca4!jones@network.UCSD.EDU  
Subject: ARRL Bulletin 31 ARLB031  
To: info-hams@ucsd.edu

Pete Rossi (rossi@gvlf9-q.gvl.unisys.com) wrote:  
: Many FD sites also have a "NO LICENSE" station too -- thats were they  
: serve the beer ;-)

I've recently reread the Field Day rules for 1992, and noticed that there  
\_is\_ a way for "NO LICENSE" folks to participate and add 100 points to the  
total, namely, have the "NO LICENSE" folks copy the W1AW bulletin. Since  
this is a "recieve only" activity, it does not take a license, and (assuming  
you have a suitable spare reciever ;-)) does not add to the transmitter count!

73,  
Clark

--

Disclaimer: The opinions expressed above are mine and not those of Schlumberger  
because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 RF: N7RPQ  
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,  
AZ 85284-1825

-----

Date: Wed, 31 Mar 93 21:22:45 GMT  
From: swrinde!zaphod.mps.ohio-state.edu!uwm.edu!cs.utexas.edu!  
gerald@cc.utexas.edu!slcs.slb.com!leo.asc.slb.com!sjsca4!jones@network.UCSD.EDU  
Subject: Boy, this can turn me off!  
To: info-hams@ucsd.edu

Tom Randolph (randolph@est.enet.dec.com) wrote:

:  
: On the other hand, one of the local 2m machines in my area has a jammer.  
: Interestingly, Mr. Jammer seems to jam only new techs on one particular  
: machine. Kind of a turn off for me, I've been listening to this since the

: license came 2 or 3 weeks ago, and had a couple of QSOs interrupted.  
:  
: -Tom R. N100Q (tech+, but I guess Mr. Jammer assumes otherwise)

For what it's worth, we've found around here that if you totally ignore these (name of anatomical feature deleted)s, they quickly get bored and go away. The thing to do is to do nothing to acknowledge their presence. Yeah, it's frustrating when it happens, but ignoring it is the only way to make it go away, short of doing a bunch of DF'ing and then allowing the perpetrator to enrich the FCC.

I try to make it a rule that the only time I'll remark about interference is when I'm positive that it isn't malicious. (This includes remarking on it on other repeaters.) If I think it is malicious, I'll switch to the input frequency, and if I hear it there, I'll call the cheif control operator as soon as I can get to a land-line, as such clues are useful to the "interference committee". (It's especially useful if you're using a rubber duckie, since it has very limited simplex range! ;-)

Clark

--

Disclaimer: The opinions expressed above are mine and not those of Schlumberger because they are NOT covered by the patent agreement!

Phone: (602) 345-3638 RF: N7RPQ  
Snail: Clark Jones, Schlumberger Technologies, 7855 S. River Pkwy #116, Tempe,  
AZ 85284-1825

-----

Date: Wed, 31 Mar 1993 20:14:24 GMT  
From: usc!cs.utexas.edu!uwm.edu!linac!att!att-out!cbnews1!dara@network.UCSD.EDU  
Subject: Callsign server went where?  
To: info-hams@ucsd.edu

In article <C4oB4G.51E@rahul.net>, davidj@rahul.net (David Josephson) writes:

> Anyone know the current site for the callsign database server?

> marvin.cs.buffalo.edu is not awake.

>

> 73

> David

> WA6NMF

> --

> -----

> Josephson Engineering, San Jose California MICROPHONES

> Tel/ 408-238-6062 Fax/ 408-238-6022 INSTRUMENTATION

> email:david@josephson.com ftp info from: rahul.net /pub/davidj/

callsign.cs.buffalo.edu 2000  
electra.cs.buffalo.edu 2000

either way, it's the same. (packetcluster has some dx calls)  
happy qsling!  
Shel WA2UBK

-----  
Date: 1 Apr 93 05:40:12 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Daily Solar Geophysical Data Broadcast for 31 March  
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 090, 03/31/93  
10.7 FLUX=125.1 90-AVG=133 SSN=101 BKI=3221 2222 BAI=007  
BGND-XRAY=B1.4 FLU1=1.3E+06 FLU10=1.2E+04 PKI=4221 2322 PAI=009  
BOU-DEV=033,019,012,005,016,018,010,014 DEV-AVG=015 NT SWF=00:000  
XRAY-MAX= C5.2 @ 0910UT XRAY-MIN= B1.4 @ 0705UT XRAY-AVG= B4.0  
NEUTN-MAX= +001% @ 2230UT NEUTN-MIN= -004% @ 1920UT NEUTN-AVG= -0.7%  
PCA-MAX= +0.2DB @ 2305UT PCA-MIN= -0.3DB @ 1715UT PCA-AVG= +0.0DB  
BOUTF-MAX=55408NT @ 1355UT BOUTF-MIN=55372NT @ 1845UT BOUTF-AVG=55396NT  
GOES7-MAX=P:+112NT@ 1932UT GOES7-MIN=N:+000NT@ 0206UT G7-AVG=+076,+041,+009  
GOES6-MAX=P:+128NT@ 1654UT GOES6-MIN=N:-126NT@ 0140UT G6-AVG=+089,-005,-054  
FLUXFCST=STD:130,135,140;SESC:130,135,140 BAI/PAI-FCST=007,010,010/010,010,015  
KFCST=2223 3222 2223 3322 27DAY-AP=021,006 27DAY-KP=6443 2331 3122 2112  
WARNINGS=  
ALERTS=  
!!END-DATA!!

NOTE: The Effective Sunspot Number for 30 MAR 93 was 68.1.

-----  
Date: 1 Apr 93 00:40:58 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: DR-570, 11-meters  
To: info-hams@ucsd.edu

From: Cecil\_A\_Moore@ccm.hf.intel.com

Regarding hams on 11 meters...

>...and some of us have been hams long enough to have operated legally  
>on the 11 meter band when it was allocated to the amateur radio service.

My 1957 ARRL Handbook says that hams own 11 meters, 26.96-27.23 MHz.

I remember hotting-up my pair of 813s on 11 meters in the last ham contest designed to save the band for hams...it didn't work, and I personally wiped out all the TV reception in Madison County, Texas loading up to my 40-meter dipole...ahh, those were the days...813 tubes running red hot, VR150s pulsating with purple light as I modulated, un-plugged florescent lights flickering, parents glowing in the dark...

Cecil...ex-W5DXP

Regarding Alinco DR-570...

>: reception in the 340 MHz and 860MHz areas. Has anyone else  
>: been able to do this? Would anyone care to know how to do this?  
>  
>Please tell us how. This just might work on other Alinco radios as well..

Remove the cover and clip the white wire closest to the center of the radio located at the front. As I remember, there are three white wires and the one to cut has a slant to it. Then in vfo mode (not mem or call) with nothing being received, play with the [function] sub(band) switches until 340 MHz or 860 Mhz appears on the display. Happy eaves-dropping.

73, KG7BK

-----  
Date: Thu, 1 Apr 93 03:16:22 GMT  
From: swrinde!zaphod.mps.ohio-state.edu!caen!destroyer!cs.ubc.ca!alberta!adec23!ve6mgs!mark@network.UCSD.EDU  
Subject: HF operation in Ford Taurus?  
To: info-hams@ucsd.edu

summers@spk.hp.com (Jim B. Summers) sez:  
>I am looking for experiences people have had putting HF rigs (100W)  
>in Ford Tauruses.

I could operate most of the HF bands at full power. However, I had to limit my power to 50W on 40M, 20W on 20M and 5W on 10M (Can I be accused of operating CB if I operate 10M AM at 5Watts :-). If I ran over this limit the engine choked, the cruise control disengages and the tachometer pins to full scale 'violently'. NOT for the faint of heart ...

I was driving a 1987 Mercury Sable (Rodent), the sister car to the Taurus (Bull). Since I have seen them downgrading much of the car to reduce costs, I doubt this is any better on later models. The rig was an ICOM 751A, 'some' spurs come out of this rig if there is

not enough voltage (12 Gauge direct to Battery to alleviate this) so your mileage may vary.

I noticed no ill effects on the other HF, VHF or UHF Bands. Wish the OM some luck!

Ciao, 73 de VE6MGS/Mark -sk-

--

-- Ciao Mark Salyzyn mark@ve6mgs.ampr.ab.ca|mark@adec23.UUCP|an16969|an17082  
- Entries to the Amateurs on USENET List: hams-on-usenet@ve6mgs.ampr.ab.ca  
- Postings to rec.radio.info: rec-radio-info@ve6mgs.ampr.ab.ca  
- rec.radio.info administrivia: rec-radio-request@ve6mgs.ampr.ab.ca

-----

Date: Thu, 1 Apr 1993 01:26:37 GMT

From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!rouge!cfm1471@network.UCSD.EDU

Subject: Kantronics vs MFJ Opinions?

To: info-hams@ucsd.edu

I have a KAM and like it very much. Decodes all the RTTY that i could possibly want, no problem. If you run HostMaster 2+ it allows you to simultaneously run VHF packet, something neither the 232 or 1278 does. In the price wars, the Kam is the "middle of the road", more expensive then the 1278 but cheaper then the 232. Its radio connections are easy, and interfacing is similar. The manuals are easy to read and helpful for the beginner..etc... It has adjustable filtering for HF modes, which is kinda neat, supports amtor mailbox, pactor (with new eeprom) and all the groovy stuff that the others have. I have been told that it is about middle of the road on decoding the HF signals, better then the 1278 but not as good as the 232, guess you get what you pay for. It cant be that bad though, i have worked many contests with it, and would'nt trade it for nothing, except the new KamPlus, due out soon, if not already! About \$320, the guys at Kantronics told me.. Sounds like its just a fancy kam with version 6.0 in it.

Charlie

-----

Date: Wed, 31 Mar 1993 18:45:22 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!gatech!rpi!  
johanneg@network.UCSD.EDU

Subject: Seeking advices

To: info-hams@ucsd.edu

Hi,

I'm looking for a high quality cb radio to use in a jeep.  
It will mainly be used in highland trips where the weather  
is very bad e.g. snow blizzards.  
(The fact is that it will be used in Iceland (Europe)).

The following advices would be great:

- How many channels would you recommend ?
- What brands/types would you recommend ?
- What stores (that you can trust) sell them ?

I appreciate any advices,  
-Gummi

PS: I know nothing about cb radios and my friend wants me  
to select and buy one....tough luck.

-----  
Date: 31 Mar 93 16:39:53 CST  
From: timbuk.cray.com!hemlock.cray.com!cherry10!dadams@uunet.uu.net  
Subject: UHF broadcasting. (was: DESPERATE...  
To: info-hams@ucsd.edu

In article 9728@ke4zv.uucp, gary@ke4zv.uucp (Gary Coffman) writes:  
|In article <1993Mar30.100221.16280@hemlock.cray.com> dadams@cray.com writes:  
|>In article 1p7gv6INN7gk@bashful.isi.com, jerry@isi.com (Jerry Gardner x323)  
writes:

|>|  
|>|In fact, if I wanted to, I could buy a 1 million watt UHF television  
|>|transmitter. I wouldn't be able to use it, of course.

|>|  
|>  
|>But then what does it take to get the appropriate license?

|  
|You first have to get a vacant channel assigned to the community.  
|That is an FCC major action. Due to the distance separation rules,  
|and the forbidden channel rules, this is hard to do in most areas.

What are forbidden channels?

|Then you file in competition with other interests for the privilege  
|of using that channel. You have to show financial ability to operate  
|the station for the license period. You have to show that your proposed  
|operation is in the public interest and necessity. And you must operate  
|a full schedule. The FCC will make a decision among the competing filers  
|and issue the winner a construction permit. You then have 1 year to get

This all just boggles my mind. This makes it sound as if there is

intense competition for UHF channels. What makes this hard to believe is the fact that only a small handful of the UHF channels are used in most areas.

|the station on the air and operating in the manner you proposed. At  
|that time another hearing is held to determine if you are serving the  
|public convenience and necessity. If there is a positive finding,  
|you are issued a 3 year license. There are filing fees at each step,  
|and you really must have a communications lawyer certified to practice  
|before the FCC to carry this out. Figure on spending at least \$100,000  
|to get the construction permit, and \$15 to \$50 million to get the station  
|on the air and operational for the license period.

|LPTV is a bit different. The FCC held a lottery to assign the LPTV  
|channels. The lottery winners were mostly major organizations, or

What is LPTV?

|speculators. Many never intend to put a station on the air. You can  
|purchase the license from one of these, a relatively minor transfer  
|filing with the FCC is required, and then you can be on the air  
|with 10 watts VHF or 3 kW UHF. LPTV channels are going for \$10,000  
|to \$1 million depending on the community. If someone files for a  
|major station on your channel, you're bumped out.

|Gary

|--

Gary Coffman KE4ZV	You make it,	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	we break it.	uunet!rsiatl!ke4zv!gary
534 Shannon Way	Guaranteed!	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244		

---

--David C. Adams Statistician Cray Research Inc. dadams@cray.com

-----  
Old Sourdoughs never die. They just ferment away.

-----  
Date: Thu, 1 Apr 1993 02:21:41 GMT  
From: usc!wupost!spool.mu.edu!torn!utnut!utcsri!newsflash.concordia.ca!  
mizar.cc.umanitoba.ca!uumars@network.UCSD.EDU  
Subject: WANTED: Info on Motorola U-43HT1108  
To: info-hams@ucsd.edu

I have the opportunity to get some Motorola U-43HT1108 radios which were



73,

-----

>I have the opportunity to get some Motorola U-43HT1108 radios which were

— —

-----  
Josephson Engineering, San Jose California      MICROPHONES  
Tel/ 408-238-6062   Fax/ 408-238-6022      INSTRUMENTATION  
email:david@josephson.com   ftp info from: rahul.net /pub/davidj/  
-----

Date: Wed, 31 Mar 1993 23:37:18 GMT  
From: swrinde!gatech!kd4nc!ke4zv!gary@network.UCSD.EDU  
Subject: Wanted: thoughts on glass mount ants  
To: info-hams@ucsd.edu

In article <1pcouf\$48o@hpscit.sc.hp.com> spikes@sc.hp.com (Bill Spikes) writes:

>  
>the glass. Now, I'm fighting with the wife over putting ANY antennas on  
>\*HER\* new Explorer....S0000-- Anybody know of a manf'r of stealth antennas,  
>ones that look like the standard cowl mount antenna but are usable on both  
>2 meters and your AM/FM radio? Maybe a hula hoop antenna for the roof?  
>She might not ever see it up there....

Contact Antenna Specialists. They have a line of disguise antennas for the police market. They replace the stock AM/FM radio antenna and look just like it. A duplexer is available so the AM/FM radio still works too. Don't know if they have a dualbander, but they do have VHF and UHF models that will tune the ham bands.

Gary

--  
Gary Coffman KE4ZV                    |    You make it,                    | gatech!wa4mei!ke4zv!gary  
Destructive Testing Systems |    we break it.                    | uunet!rsiatl!ke4zv!gary  
534 Shannon Way                |    Guaranteed!                    | emory!kd4nc!ke4zv!gary  
Lawrenceville, GA 30244        |                                    |  
-----

Date: 1 Apr 93 00:06:42 GMT  
From: esl!mac162.esl.com!user@decwrl.dec.com  
Subject: Wanted: thoughts on glass mount ants  
To: info-hams@ucsd.edu

In article <drw-290393204254@129.193.144.86>, I wrote:

>  
> I'd like some comments on the abilities of the glass mount antennas,  
etc..

Thanks for all your replies - I feel like I kinda kicked over an anthill. As for my reasons for wanting to avoid the holes - it's probably due to new paint, and respect for the headliner. Quite frankly, a glass mount

I'll ponder this a bit more and decide soon.

Date: Wed, 31 Mar 1993 04:36:37 GMT  
From: usc!cs.utexas.edu!zaphod.mps.ohio-state.edu!wupost!cs.uiuc.edu!  
vela.acs.oakland.edu!w8hd!kenh@network.UCSD.EDU  
Subject: Yeasu 5200 and mic connections  
To: info-hams@ucsd.edu

```
>Hello,  
>      I was looking at the accessories that are available for the Yeasu  
>5200 radio and saw the wireless mic option.  I know that it's performance  
>is not worthwhile but having all of the functions remotly accessible-  
>like change frequency!  is most intriguing.  How is this done?  Is it all  
>through the mic jack? or is there a board also installed inside?  I don't  
>know if I would like all of the ocntrols on the mic but adding frequency  
>change and the band switch to my present mic would make the radio a lot  
>nicer without spending a lot of money.  (I spent it all on those darn  
>college books! :-).  Thanks for the info.
```

Hi Sean!

All in all, I guess I like it, but it is by no means great. The main nicety is just what you mentioned...wireless access to all those features.

--

kenh@w8hd.org

Ken Hoehn - Teletech, Inc.

P.O. Box 924

Dearborn, MI 48121

Compuserve: 70007,2374

FAX: (313) 562-8612

VOICE: (313) 562-6873

-----

Date: Wed, 31 Mar 1993 23:05:14 GMT

From: swrinde!gatech!kd4nc!ke4zv!gary@network.UCSD.EDU

To: info-hams@ucsd.edu

References <1993Mar30.154403.29055@cbnews1.cb.att.com>,

<1993Mar31.084349.9627@ke4zv.uucp>, <12434@news.duke.edu>

Reply-To : gary@ke4zv.UUCP (Gary Coffman)

Subject : Re: 2 meter phone calls?

In article <12434@news.duke.edu> jbs@ee.egr.duke.edu (Joe B. Simpson) writes:

>In article <1993Mar31.084349.9627@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman) writes:

>

>>Correct. But if the wife asks you to stop and pick up a loaf of bread,

>>or tells you the boss just called, you've stepped over the line.

>

>Boss, yes; bread, no (unless the husband or the wife owns or works at the

>bakery). How can asking someone to pick up groceries be construed as

>conducting business?

We've danced around this pole before Joe. The rules say:

97.113(a) No amateur station shall transmit any communications the purpose of which is to facilitate the business or commercial affairs of \*any\* party. [emphasis added]

It should be clear that ordering bread is no different than ordering pizza. It facilitates the business of the grocer. If it weren't for the patch, you wouldn't stop and buy the bread. Now the FCC is currently thinking about relaxing the no business rules, so this may soon go away. (And about time too.)

Gary

--

Gary Coffman KE4ZV

Destructive Testing Systems

534 Shannon Way

Lawrenceville, GA 30244

| You make it,

| we break it.

| Guaranteed!

| gatech!wa4mei!ke4zv!gary

| uunet!rsiatl!ke4zv!gary

| emory!kd4nc!ke4zv!gary

|

-----

Date: Thu, 1 Apr 1993 01:17:45 GMT  
From: swrinde!sdd.hp.com!zaphod.mps.ohio-state.edu!darwin.sura.net!rouge!  
cfm1471@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1pa07a\$avc@network.ucsd.edu>, <1993Mar31.064154.29965@usl.edu>,  
<1pcsdu\$m2r@network.ucsd.edu>  
Subject : Highways, holes and such (Was: Glass mount anntennas..etc)

In article <1pcsdu\$m2r@network.ucsd.edu> brian@ucsd.edu (Brian Kantor) writes:

>If it were the case that antenna holes depreciate the value of a  
>vehicle, I might agree with you. They don't. Ask any car dealer - if  
>the vehicle is more than two or three years old, the antenna makes no  
>difference in the trade-in and resale value of the car.

>

>My RX-7 had 8 miles on it when it left the dealership and 13 miles on it  
>when I installed the two NMO mounts for my radios. The antenna and  
>radio installations INCREASED the value of the car to me -- and isn't  
>that value why I bought the car in the first place? To me, not  
>installing something I want in my car because it might maybe possibly  
>hurt the resale value is right up there with keeping the shipping  
>plastic on my living room furniture.

Im sure dealers like those little black gromets, eh?

>

>Cars are not an investment. Cars are tools that enhance your life.

I need a loan then, cause \$15,000 must be pocket change for ya.

>

Charlie

-----

Date: Wed, 31 Mar 1993 19:27:49 GMT  
From: usc!zaphod.mps.ohio-state.edu!pacific.mps.ohio-state.edu!cis.ohio-state.edu!  
udecc.engr.udayton.edu!blackbird.afit.af.mil!jmillier@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <1993Mar30.154403.29055@cbnews1.cb.att.com>,  
<1993Mar31.084349.9627@ke4zv.uucp>, <12434@news.duke.edu>ng  
Subject : Re: 2 meter phone calls?

In article <12434@news.duke.edu> jbs@ee.egr.duke.edu (Joe B. Simpson) writes:

>In article <1993Mar31.084349.9627@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman)  
writes:

>

>>Correct. But if the wife asks you to stop and pick up a loaf of bread,  
>>or tells you the boss just called, you've stepped over the line.  
>  
>Boss, yes; bread, no (unless the husband or the wife owns or works at the  
>bakery). How can asking someone to pick up groceries be construed as  
>conducting business?  
>

Not only that, but who's to say the boss wasn't making a social call?  
It's all in how you word it...

73, Jeff

--  
Jeff Miller, NH6ZW/N8, AFA1HE (ex WD6CQV, AFA8JM, AFA1D0)  
AFIT School of Engineering, Wright-Patterson AFB, OH  
"This class (Formal Methods in SW Engineering) redefines the term "auger  
in" -- nameless AFIT student. Help eliminate FOD in our lifetime.

-----

End of Info-Hams Digest V93 #402  
\*\*\*\*\*